

US 29 IS ASSUMED TO RUN IN
A NORTH - SOUTH DIRECTION.

"PROJECT DESCRIPTION"

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION TO THE EXISTING TRAFFIC CONTROL SIGNAL
AT THE INTERSECTION OF US 29 AND JOHN HOPKINS ROAD/GORMAN ROAD IN HOWARD COUNTY.

INTERSECTION OPERATION

THE INTERSECTION OPERATION WILL BE REVISED TO SIDE STREET SPLIT PHASING WITH LANE
ASSIGNMENTS BEING A SHARED DOUBLE LEFT AND THROUGH LANE FOR JOHN HOPKINS ROAD.

SPECIAL NOTES

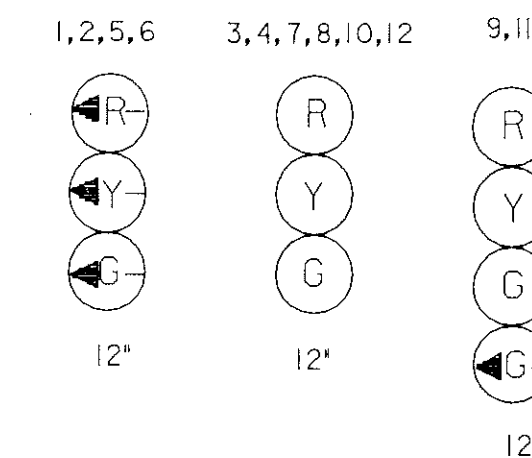
PAVEMENT MARKINGS WILL BE DONE BY THE DISTRICT.

EQUIPMENT LISTS

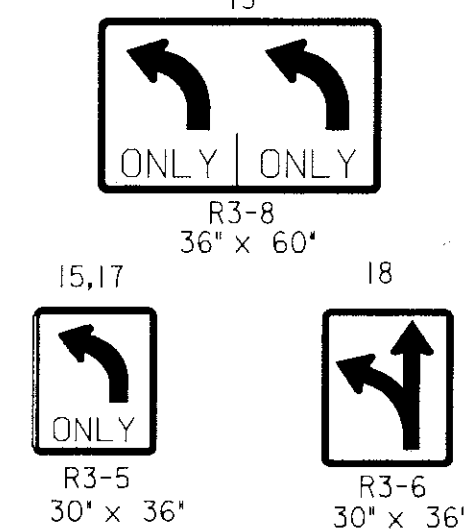
A. EQUIPMENT TO BE FURNISHED AND INSTALLED BY STATE HIGHWAY ADMINISTRATION.

ITEM NO.	QUANTITY	DESCRIPTION
8011	2 EA.	INSTALL SIGNAL HEAD (ANY TYPE)
8054	15 SF.	INSTALL OVERHEAD SIGN
8061	1 EA.	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT PER ASSIGNMENT
9047	2 EA.	12" ONE-WAY, FOUR-SECTION SIGNAL HEAD (R,Y,G,GA) - SPAN MOUNTED
9089	15 SF.	FLAT SHEET ALUMINUM SIGN
		R3-5 LEFT TURN ARROW ONLY - SPAN MOUNTED
		R3-6 LEFT TURN ARROW AND THROUGH ARROW - SPAN MOUNTED

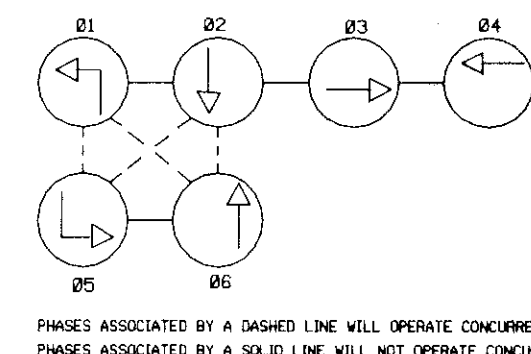
SIGNALS



SIGNS



NEMA PHASING



NOTE:

SIGNALS 9, 11, AND
SIGNS 17, 18 ARE PROPOSED.

"CONSTRUCTION DETAILS"

- (A) REMOVE EXISTING FIVE-SECTION ONE-WAY SIGNAL HEAD AND INSTALL FOUR-SECTION ONE-WAY SIGNAL HEAD (R,Y,G,GA).
- (B) REMOVE EXISTING THREE-SECTION ONE-WAY SIGNAL HEAD AND INSTALL FOUR-SECTION ONE-WAY SIGNAL HEAD (R,Y,G,GA).
- (C) REMOVE EXISTING (LEFT TURN YIELD ON GREEN BALL SIGN AND INSTALL (R3- 5L) (LEFT TURN ONLY) SIGN.
- (D) INSTALL (R3-6) (LEFT TURN AND THROUGH ARROWS) SIGN.
- (E) USE EXISTING CABINET MODIFY CONTROLLER FOR SIDE STREET SPLIT OPERATION.
- (F) USE EXISTING CONDUIT.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES

REVISIONS		APPROVALS		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION US 29 AND JOHNS HOPKINS/GORMAN ROAD	
		ASST. TRAFFIC ENGINEERING DESIGN DIVISION		DRAWN BY: W. SNOWDEN	
		ASST. DISTRICT ENGINEER, TRAFFIC		CHECKED BY: W. SNOWDEN	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		SCALE: 1" = 20'	
		DIRECTOR, TRAFFIC & SAFETY		DATE: JULY 9, 1970	
① SPLIT PHASE SIDE STREETS AND MODIFY LANE ASSIGNMENTS FOR LEFT TURNS AND THROUGHS. AUGUST 1988				F.A.P. NO. HO 407X-775	
				S.H.A. NO. HOWARD	
				COUNTY: 13002902.51	
				LOG MILE: D. 019	
				TS NO. TS 184D	
				SHEET NO. 1 OF 1	